

File: Akzo Nobel

TLA 8-17-09

WMX ___

July 30, 2009

Dr. Richard Urban
Environmental Office Manager
Tennessee Division of Water Pollution Control
Chattanooga Environmental Field Office
540 McCallie Avenue, Suite 550
Chattanooga, TN 37402

Ref: Renewal of Permit Number: 0002798

Dear Dr. Urban,

Attached are the permit renewal forms for the above mentioned permit.

Please feel free to contact me if I can provide any further information.

Thank you.

Sincerely,

Girish K. Patel, PE, CHMM

Sirich K. Palel

Safety & Environmental Supervisor

Encl;

- 1. Address Attachment for NPDES Permit Application & State Operation Permit Application
- 2. EPA Form 1,
- 3. EPA Form 2E
- 4. EPA Form 2F
- 5. Attachment 2F-1, Laboratory Report
- 6. Attachment 2F-2, Site Drainage Map





DEPARTMENT OF ENVIRONMENT AND CONSERVATION DIVISION OF WATER POLLUTION CONTROLL

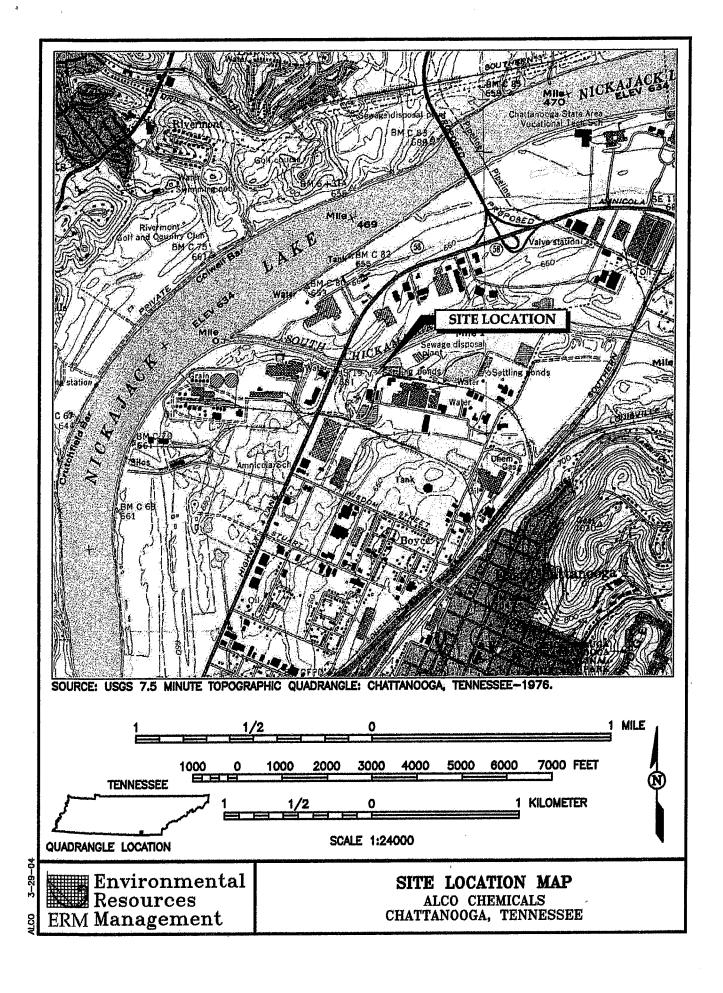
ADDRESS ATTACHMENT FOR NPDES PERMIT APPLICATION & STATE OPERATION PERMIT APPLICATION This must be filled out to complete your permit application.

NPDES/STATE PERMIT NO.: TN0002798	<u> </u>
CORPORATE HEADQUARTERS: (Where the	
CONTACT PERSON: Girish K. Pate	L
COMPANY NAME: Akzo Nobel Surfac	ce Chemistry LLC
STREET AND/OR P.O. BOX #: 909 Mue	ler Avenue
CITY: Chattanooga ST	ATE:TN ZIP CODE:37406
PHONE NO: 423-629-1405 E-MA	IL ADDRESS: girish.patel@akzonobe1.com
PERMIT BILLING ADDRESS: (Where the invoi	ces will go.)
CONTACT PERSON: Same as above	
FACILITY NAME:	
STREET AND/OR P.O. BOX #:	
CITY: ST	ATE: ZIP CODE:
PHONE NO: E-MA	IL ADDRESS:
FACILITY LOCATION: (Where the inspectors w	/ill go.)
FACILITY NAME: Same as above	
STREET ADDRESS:	
P.O. BOX #:	COUNTY:
CITY: ST	ATE: ZIP CODE:
PHONE NO: E-MAI	
DMR MAILING ADDRESS: (Where the pre-print to SOP Permits)	ted Discharge Monitoring Reports will go) (Does not apply
CONTACT PERSON: Same as above	
FACILITY NAME:	
STREET AND/OR P.O. BOX #:	
CITY: ST	
PHONE NO: E-MAI	LADDRESS:

Please print or t	ype in the unshad	led areas only.						Forn	Approved. OMB No. 2040-	0086.			
FORM								I. EPA I.D. NUMBER					
Con			onsolidated Permits Program						ENIDOE 20021F0				D
GENERAL					ructions" be,	fore .	starting.)	1	2		13	14	15
LABEL	_ ITEMS								GENERAL INSTRI a preprinted label has been	provide	ed, affi		
I. EPA I.D.						designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data							
III. FACILITY	' NAME	PLEAS	E PLA	CE LA	BEL IN THI	IS S	PACE	info	absent (the area to the left of armation that should appear), ple n area(s) below If the label is	ase pro	vide it i	n the pr	roper
V. FACILITY MAILING ADDRESS						nee	fill-in area(s) below. If the label is complete and correct, you need not complete Items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item						
VI. FACILITY	FACILITY LOCATION descriptions and for the legal author data is collected.							rization	ıs unde	r which	this		
II. POLLUTANT	CHARACTERIS	TICS											
submit this form you answer "no	n and the suppler o" to each question	rough J to determine whethe mental form listed in the pare n, you need not submit any o of the instructions for definiti	enthesi of these	s follo e form: bold-	wing the qu s. You may faced term	iesti ans	on. Mark "X" in the box in	the t	hird column if the suppleme	ntal for	rm is a	ittache	d. If
		FORIONIO	YES	Mari	FORM	-	ODEOUE16		TOTIONS	YES	Mark	FOR	- M
A la 4hia 5 - 1114	SPECIFIC QU				ATTACHED	Ļ	SPECIFIC			120	"	ATTAC	HED
		ed treatment works which ers of the U.S.? (FORM 2A)	16	17	18		include a concentrated	anir tion	ther existing or proposed) nal feeding operation or facility which results in a S.? (FORM 2B)	19	20	21	
		ly results in discharges to				D.	Is this a proposed facility	(othe	r than those described in A			-	
waters of th above? (FOF		those described in A or B					or B above) which will res the U.S.? (FORM 2D)	sult ir	a discharge to waters of	25			
		eat, store, or dispose of	22	23	24			inject at this facility industrial or			26	27	
hazardous v	vastes? (FORM 3	3)	28	29	30		municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)			31	32	33	
or other flui connection w inject fluids u	ids which are b ith conventional c used for enhance	facility any produced water prought to the surface in ill or natural gas production, d recovery of oil or natural ge of liquid hydrocarbons?		×			processes such as mining solution mining of minera	nject at this facility fluids for special ining of sulfur by the Frasch process, inerals, in situ combustion of fossil cothermal energy? (FORM 4)			×		
	a proposed stati	onary source which is one	34	35	36	_	la this facility a proposa	d of	ationary source which is	37	38	39	
of the 28 indu which will po	ustrial categories l otentially emit 100	listed in the instructions and 0 tons per year of any air clean Air Act and may affect		\times			NOT one of the 28 ind instructions and which wi	lustria ill pot	categories listed in the entially emit 250 tons per ed under the Clean Air Act		×		
	in an attainment		40	41	42				l in an attainment area?	43	44	45	
III. NAME OF F	ACILITY									. ** :			
C SKIP AK	zo Nobel	Surface Chemist	ry	TTC] ;		1		69			
IV. FACILITY C	CONTACT								\$ 1 m	65			
		A. NAME & TITLE (last,	first, d	& title)				В	. PHONE (area code & no.)				
c	Girish	Safety & Enviro	onme	enta	l Supe	rv	isor	(42	3) 629-1405 48 49 51 52- 55				
V.FACILTY MAII	LING ADDRESS												
		A. STREET OR P.	O. BO	X									
3 909 Mue			I		1 1 1	1							
15 16			-				45						
		B. CITY OR TOWN					C. STATE	D. ZII	CODE				
chattar	nooga		1 1	ı	1 1 1	ı	'	740	6				
15 16							40 41 42 47	٠,	51				
VI. FACILITY L		TET DOLLTE NO OF OTHER	005	01510		_);::			خيط			
5	A. 51RE	EET, ROUTE NO. OR OTHEF	I	TT		T							
15 16	<u>·</u>	B. COUNTY	NAME				45	T	<u>i de propositione de la company de la compa</u>				
Hamilton			1	1				תל					
46		C. CITY OR TOWN					D. STATE E	E. ZIF	CODE F. COUNTY CO	DE (if	known		
Chattan	looga					[, , , , , , , , , , , , , , , , , , , 	40		-54			
							1 +1		34	~~			

CONTINUED FROM THE FRONT				•
VII. SIC CODES (4-digit, in order of priority) A. FIRST			B. SECOND	
7 2869 (specify) Synthetic Resins	7 2	879 (specify) Pesticide	& Agricultural C	hemical n.e.c.
15 16 - 19	15 16			
C. THIRD (specify)N/A		(specify)	D. FOURTH	
[7]	7			
VIII. OPERATOR INFORMATION	15 16	- 19		
	A. NAME			B.Is the name listed in Item VIII-A also the owner? ☑ YES ☐ NO
C. STATUS OF OPERATOR (Enter the appro	opriate letter into the answer	· box; if "Other," specify.)		D. PHONE (area code & no.)
F = FEDERAL S = STATE P = PRIVATE M = PUBLIC (other than federal of O = OTHER (specify)	(enacifu)		<u>.</u>	
E. STREET OR P.O. BOX				The same and the s
909 Mueller Avenue		55		
F. CITY OR TOWN		G. STATE H.		DIAN LAND
B Chattanooga			406	facility located on Indian lands? S
X. EXISTING ENVIRONMENTAL PERMITS				
A. NPDES (Discharges to Surface Water)		from Proposed Sources)		
9 N 0002798	777	, , , , , , , , ,		
	6 17 18		30	
B. UIC (Underground Injection of Fluids)		E. OTHER (s		
9 U NA 9	NA		(specify)	
15 16 17 18 30 15 1 C. RCRA (Hazardous Wastes)	6 17 18		30	
C T I C		E. OTHER (x	(specify)	
9 R NA 9	NA		(7 327	
15 16 17 18 30 15 1 XI. MAP	6 17 18		30	
Attach to this application a topographic map of the area extendi	ng to at least one mile be	eyond property boundaries.	The map must sho	w the outline of the facility, the
location of each of its existing and proposed intake and discharge injects fluids underground. Include all springs, rivers, and other sur	structures, each of its ha	azardous waste treatment, st	orage, or disposal t	facilities, and each well where it
XII. NATURE OF BUSINESS (provide a brief description)	lace water bodies in the h	nap area. See instructions to	i precise requirente	
Synthetic resins, agricultural/pesticide mar	ufacturer	M		
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
YIII CERTIFICATION (con instructions)				
XIII. CERTIFICATION (see instructions) I certify under penalty of law that I have personally examined and	am familiar with the infer	mation submitted in this	lication and all attac	hmonth and that beend as
inquiry of those persons immediately responsible for obtaining the am aware that there are significant penalties for submitting false in	information contained in	the application, I believe tha	t the information is	
A.NAME&OFFICIALTITLE <i>(type or print)</i> Brent Burke - Site Manager	B. SIGNATURE			C. DATE SIGNED
brone burke - site manager	Bru	i Benke		7/30/09
COMMENTS FOR OFFICIAL USE ONLY				
<u>c</u>	1,1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			

15 16 EPA Form 3510-1 (8-90)



Please print or type in the unshaded areas only.	EPA ID Number (copy from Item 1 of Form 1) TNDO52003159	Form Approved. OMB No. 2040-0086. Approval expires 5-31-92.
50011		

2E

≎EPA Facilities Which Do Not Discharge Process Wastewater

☑ Noncontact Cooling Water

NPDES							-			
I. RECEIVING V	VATERS									
	F	or this	outfail	, list th	e latitu	de and	l longitude, and name of the receiving water(s).			
Outfall Number (list)		Latitude)	L	ongitud	е	Receiving Water (name)			
Number (list)	Deg	Min	Sec	Deg	Min	Sec	South Chickamauga Creek			
001	35.00	5.00	7.00	85.00	15.00	28.00				
II. DISCHARGE I	I. DISCHARGE DATE (If a new discharger, the date you expect to begin discharging)									
III.TYPE OF WAS	STE									
A. Check the box	(es) indica	ting the	general	type(s)	of waste	s discha	rged.			

No cooling water additives are used.

B. If any cooling water additives are used, list them here. Briefly describe their composition if this information is available.

Restaurant or Cafeteria Wastes

IV. EFFLUENT CHARACTERISTICS

☐ Sanitary Wastes

- A. Existing Sources Provide measurements for the parameters listed in the left-hand column below, unless waived by the permitting authority (see instructions).
- B. New Dischargers Provide estimates for the parameters listed in the left-hand column below, unless waived by the permitting authority. Instead of the number of measurements taken, provide the source of estimated values (see instructions).

Pollutant or Parameter	Max Daily	1) imum Value <i>le units)</i>	() Averag Value () (includ	(3) Number of Measurements		(or) (4) Source of Estimat			
	Mass	Concentration	Mass	Concentration		Taken (last year)		(if new discharger)	
Biochemical Oxygen Demand (BOD)	74.3 lbs	<3 mg/1	Not required	to be			Ė	NA	
Total Suspended Solids (TSS)	148.4 lbs	<6 mg/1	measured on	regular	· · · · · ·				
Fecal Coliform (if believed present or if sanitary waste is discharged)	NA	NA	basis.	Values are					
Total Residual Chlorine (if chlorine is used)	NA	NA	one-time	composite					
Oil and Grease	49.5 lbs	2 mg/1	sampling	done for					
*Chemical oxygen demand (COD)	99.0 lbs	4 mg/l	permit	application					
*Total organic carbon (TOC)	94.0 lbs	3.8 mg/1	purposes.						
Ammonia (as N)	10.6 lbs	0.43 mg/l							
Discharge Flow	Value 2.	97	3.	03	52.00	,			
pH (give range)	Value 7.	59	7.02	- 7.6	52.00)			
Temperature (Winter)		10.00 °C		°C	52.00	,			
Temperature (Summer)		30.00 _{°C}		°C					
*If noncontact cooling water is disch:	arged	. 104							

*If noncontact cooling water is discharged

Other Nonprocess

☐ Wastewater (Identify)

V. Except for leaks or spills, will the discharge described in this form be intermittent or seasonal?	П
If yes, briefly describe the frequency of flow and duration.	□ No
The flow is constant except for insignificant seasonal variations due to changes	s in water table.
VI. TREATMENT SYSTEM (Describe briefly any treatment system(s) used or to be used)	
None	
Notice	
VII. OTHER INFORMATION (Optional)	A Street
Use the space below to expand upon any of the above questions or to bring to the attention of the reviewer any other in	
should be considered in establishing permit limitations. Attach additional sheets, if necessary.	formation you feel
should be considered in establishing permit limitations. Attach additional sheets, if necessary.	formation you feel
The non-contact cooling water is supplied by three wells on site.	formation you feel
	formation you feel
The non-contact cooling water is supplied by three wells on site.	formation you feel
The non-contact cooling water is supplied by three wells on site. VIII. CERTIFICATION	
The non-contact cooling water is supplied by three wells on site. VIII. CERTIFICATION I certify under penalty of law that this document and all attachments were prepared under my direction or supervisi system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on m.	on in accordance with a y inquiry of the person or
The non-contact cooling water is supplied by three wells on site. VIII. CERTIFICATION I certify under penalty of law that this document and all attachments were prepared under my direction or supervisi system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on m persons who manage the system, or those persons directly responsible for gathering the information, the information s	on in accordance with a y inquiry of the person or ubmitted is to the best of
The non-contact cooling water is supplied by three wells on site. VIII. CERTIFICATION I certify under penalty of law that this document and all attachments were prepared under my direction or supervisi system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on m.	on in accordance with a y inquiry of the person or ubmitted is to the best of
VIII. CERTIFICATION I certify under penalty of law that this document and all attachments were prepared under my direction or supervisi system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on m persons who manage the system, or those persons directly responsible for gathering the information, the information s my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting fathe possibility of fine and imprisonment for knowing violations.	on in accordance with a y inquiry of the person or ubmitted is to the best of
VIII. CERTIFICATION I certify under penalty of law that this document and all attachments were prepared under my direction or supervisi system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on m persons who manage the system, or those persons directly responsible for gathering the information, the information s my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting fathe possibility of fine and imprisonment for knowing violations. A. Name & Official Title	on in accordance with a y inquiry of the person or ubmitted is to the best of lse information, including B. Phone No. (area code & no.)
VIII. CERTIFICATION I certify under penalty of law that this document and all attachments were prepared under my direction or supervisi system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on m persons who manage the system, or those persons directly responsible for gathering the information, the information s my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting fathe possibility of fine and imprisonment for knowing violations. A. Name & Official Title Brent Burke - Site Manager	on in accordance with a y inquiry of the person or ubmitted is to the best of lse information, including
VIII. CERTIFICATION I certify under penalty of law that this document and all attachments were prepared under my direction or supervisi system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on m persons who manage the system, or those persons directly responsible for gathering the information, the information s my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting fathe possibility of fine and imprisonment for knowing violations. A. Name & Official Title Brent Burke - Site Manager C. Signature	on in accordance with a y inquiry of the person or ubmitted is to the best of lse information, including B. Phone No. (area code & no.)
VIII. CERTIFICATION I certify under penalty of law that this document and all attachments were prepared under my direction or supervisi system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on m persons who manage the system, or those persons directly responsible for gathering the information, the information s my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting fathe possibility of fine and imprisonment for knowing violations. A. Name & Official Title Brent Burke - Site Manager	on in accordance with a y inquiry of the person or ubmitted is to the best of se information, including B. Phone No. (area code & no.) (423) 629-1405

Summary of Incidents

<u>Date</u>	<u>Description</u>
1/30/08	An odor incident resulted from release of residual monomer in the atmosphere from a finished product batch.
12/20/06	Flume discharging treated process water to the POTW overflowed due to high viscosity of the water. The spilled material was contained, collected, treated and disposed appropriately. The water contained a non-hazardous product.
12/6/05	Approximately 100 lbs. of acrylic acid spilled from a leaky valve in the manufacturing production process. The water containing the material was treated in the on-site waster water treatment system prior to discharging the water to POTW under a permit.

Please print or type in the unshaded areas only.



Outfall Location

U.S. Environmental Protection Agency Washington, DC 20460

Application for Permit to Discharge Storm Water **Discharges Associated with Industrial Activity**

Paperwork Reduction Act Notice

Public reporting burden for this application is estimated to average 28.6 hours per application, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate, any other aspect of this collection of information, or suggestions for improving this form, including suggestions which may increase or reduce this burden to: Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, NW, Washington, DC 20460, or Director, Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

A. Outfall Number (<i>list</i>)		B. Latitude			C. Longitude	:	D. Receiving Water (name)				
001	35.00	5.00	15.00	85.00	15.00	30.00	South Chickamauga Creek				
						j					
						ì		•			
_											
··											
II. Improvements											
treatment equipme	ent or practice	es or any othe	r environmer	ntal programs	which may a	iffect the disch	hedule for the construction, upgrading on narges described in this application? This ers, stipulations, court orders, and grant of	includes, but is	s not limited		
1. Identification of			2. Affect	ted Outfalls			·		Final ance Date		
Agreements,	, Etc.	number	sc	ource of disch	arge		Brief Description of Project	a. req.	b. proj.		
None .											
								1			
···											
						····		1			
—								1			
							*	1			
								-			
							MAIL . V Market	+			
								+			
			+					+			
			 					1			
								-			
	-										
											
*											
 -											
B: You may attach add	ditional sheet	s describing a	ny additiona	l water polluti	on (or other e	nvironmental	projects which may affect your discharges	s) you now hav	e under		

III. Site Drainage Map

Attach a site map showing topography (or indicating the outline of drainage areas served by the outfalls(s) covered in the application if a topographic map is unavailable) depicting the facility including: each of its intake and discharge structures; the drainage area of each storm water outfall; paved areas and buildings within the drainage area of each storm water outfall, each known past or present areas used for outdoor storage of disposal of significant materials, each existing structural control measure to reduce pollutants in storm water runoff, materials loading and access areas, areas where pesticides, herbicides, soil conditioners and fertilizers are applied; each of its hazardous waste treatment, storage or disposal units (including each area not required to have a RCRA permit which is used for accumulating hazardous waste under 40 CFR 262.34); each well where fluids from the facility are injected underground; springs, and other surface water bodies which received storm water discharges from the facility.

Continued from the Front

V. Narrative Description of Pollutant Sources										
A. For ead	ch outfall, provide an estimate of the area (inc d by the outfall.	clude units) of imperious surfac	es (including pave	ed areas and building roofs) drained to the outfall, and	I an estimate of the total surface area					
Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)	Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)					
001	56000 ft2	56000 ft2			56000 ft2					
] [
to stor	m water; method of treatment, storage, water runoff; materials loading and acc	, or disposal; past and pre	sent materials i	ee years have been treated, stored or dispose management practices employed to minimize frequency in which pesticides, herbicides, soi	contact by these materials with					
storm wat prevent p Akzo Nobe	er or precipitation. Tanker to precipitation from coming into	ruck loading and unl contact with any fi	loading oper inal product	osed piping and tank systems, and ations are conducted through close s or raw materials. Raw materials significant quantities of pesticid	d piping system to and products stored at					
				structural control measures to reduce poliutar						
	solid or fluid wastes other than by disch		edule and type	of maintenance for control and treatment mea						
Number			eatment		List Codes from Table 2F-1					
1.	Akzo Nobel's storm water man Secondary containment, berm		nclude:							
/ Nonet	ormwater Discharges	•:•								
A. I certify	y under penalty of law hat the outfall(s) ormwater discharged from these outfall(s	covered by this applications) are identified in either an	n have been te accompanying	sted or evaluated for the presence of nonstore Form 2C or From 2E application for the outfall	nwater discharges, and that all					
Name and 0	Official Title (<i>type or print</i>)	gnature	, ,		Date Signed					
Brent Burl	ke - Site Manager	Bren 4	mm		7/30/09					
		10100 1			7701					
B. Provide	e a description of the method used, the	date of any testing, and the	onsite drainag	e points that were directly observed during a te	est.					
visual inccumulati	inspection of storm water drai ion from ground erosion was no	nways and outfall watched in some storm	as conducted water drain	l on July 20, 2009. No flow stains ways. Erosion control measures wer	were observed. Soil e implemented in Spring					
/I. Signifi	cant Leaks or Spills		•							
	existing information regarding the historate date and location of the spill or leak,			or hazardous pollutants at the facility in the lised.	ast three years, including the					
ee Attach	ment 1									

Continued from Page 2

VII. Discharge Information	<u> </u>					
A, B, C, & D: See instructions before pr	roceeding. Complete one set of tables for each outfa are included on separate sheets numbers VII-1 and '		space provided.			
E. Potential discharges not covered by currently use or manufacture as an int	analysis – is any toxic pollutant listed in table 2F termediate or final product or byproduct?	-2, 2F-3, or 2F-4, a substance or a	component of a substance which you			
	• • • • • • • • • • • • • • • • • • • •	No (go to Section IX)				
relation to your discharge within the last 3 Yes (list all such pollutants because the control of the control	Vinyl acetate terial) Data believe that any biological test for acute or chronic years?	No (go to Section IX)	Akzo Nobel's storm water has			
IX. Contract Analysis Information Were any of the analyses reported in Item	n VII performed by a contract laboratory or consulting	g firm?				
	and telephone number of, and pollutants laboratory or firm below)	No (go to Section X)	No (go to Section X)			
A. Name	B. Address	C. Area Code & Phone No.	D. Pollutants Analyzed			
Empirical Laboratories, LLC	621 Mainstream Drive, Ste. 270 Nashville, TN 37228	615-345-1115	Aquatic Toxicity Testing			
Technical Laboratories, Inc.	515 Cherokee Blvd. Chattanooga, TN 37405	423-265-4533	TSS, BOD, Oil and Greasse, Total phosphorous, Floating solids			
X. Certification						
that qualified personnel properly gather and directly responsible for gathering the infor-	ument and all attachments were prepared under m d evaluate the information submitted. Based on my mation, the information submitted is, to the best of g false information, including the possibility of fine ar	inquiry of the person or persons who f my knowledge and belief, true, acc	manage the system or those persons gurate, and complete. I am aware that			
A. Name & Official Title (Type Or Print)		B. Area Code and Phone No.				
Brent Burke - Site Manager	-	(423) 629-1405				
C. Signature	mb	D. Date Signed 7/30/09				

VII. Discharge information (Continued from page 3 of Form 2F)

Part A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

		mum Values clude units)		erage Values nclude units)	Number		
Pollutant and CAS Number (if available)	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	of Storm Events Sampled	Sources of Pollutants	
Oil and Grease		N/A	3.5 mg/L		5.00	Note: Akzo Nobel discharges its	
Biological Oxygen Demand (BOD5)			28.5 mg/L		3.00	storm water from a retention basin;	
Chemical Oxygen Demand (COD)			250.0 mg/L		1.00	therefore, it does not sample	
Total Suspended Solids (TSS)			13.7 mg/L		4.00	discharge during the first 20	
Total Nitrogen			3.35 mg/L		4.00	minutes	
Total Phosphorus			1.6 mg/L		4.00		
pН	Minimum	Maximum	Minimum	Maximum 7.40	4.00		

Part B – List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

	Maximum Values (include units)		Ave (inc	rage Values clude units)	Number		
Pollutant and CAS Number (if available)	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	of Storm Events Sampled	Sources of Pollutants	
			1	y	 		
						Please see Attachment 2-2F lab	
						report for OCPSF listed chemicals.	
						This sampling was done for permit	
						application purposes only.	
				•			
				88 0			
	!	\					
					,		

Cor	itinuec	l from	the	Front
-	เเมเนซเ	HUUHH	ше	FIGHT

Part C - L	ist each pollutant she equirements. Comple	own in Table 2F-2, 2F-3 ete one table for each ou	s, and 2F-4 that y itfall.	ou know or have reason	to beli	ieve is pres	ent. See the instr	ructions for additional details and
		num Values lude units)		verage Values include units)		Number		
Pollutant and CAS Numbe (if available)	Grab Sample Taken During First 20	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		of Storm Events Sampled	5	Sources of Pollutants
						•		
							Akzo Nobel	does not have reason to
							believe tha	t any of the pollutants
							listed in t	ables 2F-2, 2F-3 and
							2F-4 are pr	esent in its discharge
							under the N	PDES permit. The
					ļ	**	pollutants	listed under Table 2F-2
					_		have been 1	isted below.
					-		 	Total organic
							Phosphorous	- Total
							Sulfate	
					+		Sulfite	
					+-		Surfactants	, contributed by the past
					+			
					<u> </u>		Tallout IIO	m a neighboring industry.
					 			
					1		-	
					-			
						•••		
Part D - Pr	ovide data for the sto	orm event(s) which resul	ted in the maximu	um values for the flow wei	ahted	composite s	sample.	
				4.	J		5.	
1. Date of Storm Event	2. Duration of Storm Event (in minutes)	3. Total rainf during storm <i>(in inche</i> s	event	Number of hours betwe beginning of storm meas and end of previous measurable rain ever	ured	en Maximum flow rate during rain event (gallons/minute or		6. Total flow from rain event (gallons or specify units)
11/15/08	120	2.3		Approximately 120		1123 gal	lons/minute	56,500 gallons
7. Provide a	description of the me	ethod of flow measureme	ent or estimate.					
Flow meter	with 90° V note	h wire		•				



621 Mainstream Drive, Suite 270 Nashville, TN 37228 615.345.1115 Phone 615.846.5426 Fax

08 July 2009

James Cawthorne
Cawthorne Engineering Co., Inc. (C535)
530 N. Market Street
Chattanooga, TN 37405

RE: Cawthorne Engineering (Laboratory WorkOrder # 0906116)

Enclosed are the results of analyses for samples received by the laboratory on 06/12/2009 09:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ashley Bester

Project Manager

Laboratory Case Narrative for Laboratory WorkOrder # 0906116

The samples were received and processed using normal regulatory and laboratory protocols. Unless noted in the Final Report there were no data anomalies or failures noted during data assessment and reporting. The results within this report relate only to the samples received and reported within the report and this report shall not be reproduced except in full, without the approval of Empirical Laboratories, LLC.

Laboratory Analytical Results Report

Client Sample ID: Stormwater Basin Pump Discharge

Lab Sample ID: 0906116-01

End Sample 1D: 0500110 0

Sample Collection Date/Time: 06/11/2009 16:30 Sample Received Date/Time: 06/12/2009 09:00

Sample Matrix: Water

Analyte	Result	MDL	RL	Units	Dilution	Analyzed	Method	Batch	Notes
Classical Chemistry Parameters									
Cyanide	ND	0.00500	0.0100	mg/L	1	06/19/09 14:00	SW9012A	9F18017	U
Metals in Water by ICP-AES									
Lead	2.62	1.50	3.00	ug/L	1	06/18/09 17:05	E200.7	9F15003	J
Zinc	407	5.00	20.0	ug/L	1	06/18/09 17:05	E200.7	9F15003	
Volatile Organic Compounds by GC/	MS								
Benzene	ND	0.330	1.00	ug/L	1	06/24/09 20:59	E624	9F25009	U
Bromodichloromethane	ND	0.330	1.00	ug/L	1	06/24/09 20:59	E624	9F25009	U
Bromoform	ND	0.330	1.00	ug/L	1	06/24/09 20:59	E624	9F25009	U
Bromomethane	ND	0.670	2.00	ug/L	1	06/24/09 20:59	E624	9F25009	U
Carbon tetrachloride	ND	0.330	1.00	ug/L	1	06/24/09 20:59	E624	9F25009	U
Chlorobenzene	ND	0.330	1.00	ug/L	1	06/24/09 20:59	E624	9F25009	U
Chloroethane	ND	0.670	2.00	ug/L	1	06/24/09 20:59	E624	9F25009	U
2-Chloroethyl vinyl ether	ND	1.67	5.00	ug/L	1	06/24/09 20:59	E624	9F25009	U
Chloroform	ND	0.330	1.00	ug/L	1	06/24/09 20:59	E624	9F25009	U
Chloromethane	ND	0.670	2.00	ug/L	1	06/24/09 20:59	E624	9F25009	ប
Dibromochloromethane	ND	0.330	1.00	ug/L	1	06/24/09 20:59	E624	9F25009	ប
1,3-Dichlorobenzene	ND	0.330	1.00	ug/L	1	06/24/09 20:59	E624	9F25009	U
1,2-Dichlorobenzene	ND	0.330	1.00	ug/L	1	06/24/09 20:59	E624	9F25009	U
1,4-Dichlorobenzene	ND	0.330	1.00	ug/L	1	06/24/09 20:59	E624	9F25009	U
1,1-Dichloroethane	ND	0.330	1.00	ug/L	1	06/24/09 20:59	E624	9F25009	U
1,2-Dichloroethane	ND	0.330	1.00	ug/L	1	06/24/09 20:59	E624	9F25009	U
trans-1,2-Dichloroethene	ND	0.330	1.00	ug/L	1	06/24/09 20:59	E624	9F25009	U
1,2-Dichloropropane	ND	0.330	1.00	ug/L	1	06/24/09 20:59	E624	9F25009	U
cis-1,3-Dichloropropene	ND	0.330	1.00	ug/L	1	06/24/09 20:59	E624	9F25009	U
trans-1,3-Dichloropropene	ND	0.330	1.00	ug/L	1	06/24/09 20:59	E624	9F25009	U
Ethylbenzene	ND	0.330	1,00	ug/L	1	06/24/09 20:59	E624	9F25009	U
Methylene chloride	ND	0.670	2.00	ug/L	1	06/24/09 20:59	E624	9F25009	U
1,1,2,2-Tetrachloroethane	ND	0.330	1,00	ug/L	1	06/24/09 20:59	E624	9F25009	U
Tetrachloroethene	ND	0.330	1.00	ug/L	1	06/24/09 20:59	E624	9F25009	U
Toluene	2.03	0.330	1.00	ug/L	1	06/24/09 20:59	E624	9F25009	
1,1,2-Trichloroethane	ND	0.330	1.00	ug/L	1	06/24/09 20:59	E624	9F25009	U
1,1,1-Trichloroethane	ND	0.330	1.00	ug/L	1	06/24/09 20:59	E624	9F25009	U
Trichloroethene	ND	0.330	1.00	ug/L	1	06/24/09 20:59	E624	9F25009	U
Trichlorofluoromethane	ND	0.670	2.00	ug/L	1	06/24/09 20:59	E624	9F25009	U
Vinyl chloride	ND	0.670	2.00	ug/L	1	06/24/09 20:59	E624	9F25009	U
Surrogate: Bromofluorobenzene			96.1 %	80-120		06/24/09 20:59	E624	9F25009	
Surrogate: Dibromofluoromethane			110 %	85-120		06/24/09 20:59	E624	9F25009	
Surrogate: 1,2-Dichloroethane-d4			108 %	85-130	•	06/24/09 20:59	E624	9F25009	
Surrogate: Toluene-d8			107 %	85-115		06/24/09 20:59	E624	9F25009	

Laboratory Analytical Results Report

Client Sample ID: Stormwater Basin Pump Discharge

Lab Sample ID: 0906116-01

Sample Matrix: Water

Sample Collection Date/Time: 06/11/2009 16:30 Sample Received Date/Time: 06/12/2009 09:00

Analyte	Result	MDL	RL	Units	Dilution	Analyzed	Method	Batch	Notes
Semivolatile Organic Compound	ds by GC/MS								
3,3'-Dichlorobenzidine	ND	4.62	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
Acenaphthene	ND	3.87	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
Acenaphthylene	ND	5.75	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
Anthracene	ND	3.02	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
Benzidine	ND	3.11	472	ug/L	10	06/19/09 18:56	E625	9F15014	U
Benzo (a) anthracene	ND	3.77	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
Benzo (a) pyrene	ND	2.45	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
Benzo (b) fluoranthene	ND	4.72	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
Benzo (g,h,i) perylene	ND	5,00	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
Benzo (k) fluoranthene	ND	4.62	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
4-Bromophenyl phenyl ether	ND	2.92	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
Butyl benzyl phthalate	ND	3.40	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
4-Chloro-3-methylphenol	ND	3.87	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	Ū
Bis(2-chloroethoxy)methane	ND	2.64	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
Bis(2-chloroethyl)ether	ND	6.13	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
Bis(2-chloroisopropyl)ether	ND	4.43	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
2-Chloronaphthalene	ND	3.58	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
2-Chlorophenol	ND	3.68	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
4-Chlorophenyl phenyl ether	ND	5.19	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
Chrysene	ND	3.58	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
Dibenz (a,h) anthracene	ND	7.17	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
Di-n-butyl phthalate	ND	7.26	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
1,4-Dichlorobenzene	ND	2.92	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
1,3-Dichlorobenzene	ND	3.58	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
1,2-Dichlorobenzene	ND	2.83	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
2,4-Dichlorophenol	ND	1.70	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
Diethyl phthalate	ND	5.09	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
2,4-Dimethylphenol	ND	2.64	189	ug/L	10	06/19/09 18:56	E625	9F15014	U
Dimethylphthalate	ND	4.81	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
4,6-Dinitro-2-methylphenol	ND	21.8	189	ug/L	10	06/19/09 18:56	E625	9F15014	U
2,4-Dinitrophenol	ND	26.5	472	ug/L	10	06/19/09 18:56	E625	9F15014	Ŭ
2,4-Dinitrotoluene	ND	4.06	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
2,6-Dinitrotoluene	ND	3.87	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
Di-n-octyl phthalate	ND	3.77	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
Bis(2-ethylhexyl)phthalate	ND	21.4	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
Fluoranthene	ND	2.83	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
Fluorene	ND	4.62	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	Ü
Hexachlorobenzene	ND	3.68	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	Ŭ
Hexachlorobutadiene	ND	3.96	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	Ŭ
Hexachlorocyclopentadiene	ND	1.70	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
Hexachloroethane	ND	3.68	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
Indeno (1,2,3-cd) pyrene	ND	10.8	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	Ŭ
Isophorone	ND	4.25	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	Ŭ

Laboratory Analytical Results Report

Client Sample ID: Stormwater Basin Pump Discharge

Lab Sample ID: 0906116-01

Sample Matrix: Water

Sample Collection Date/Time: 06/11/2009 16:30 Sample Received Date/Time: 06/12/2009 09:00

Result	MDL	RL	Units	Dilution	Analyzed	Method	Batch	Notes
Semivolatile Organic Compounds by GC/MS								
ND	1.60	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
ND	3.68	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
ND	4.25	189	ug/L	10	06/19/09 18:56	E625	9F15014	U
ND	2.45	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
ND	3.40	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
ND	2.74	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
ND	3,68	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
ND	13.0	189	ug/L	10	06/19/09 18:56	E625	9F15014	U
ND	3.49	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
ND	2.83	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
ND	3.58	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
ND	13.3	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
ND	4.25	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
ND	47.2	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
ND	47.2	47.2	ug/L	10	06/19/09 18:56	E625	9F15014	U
		42.4 %	35-110		06/19/09 18:56	E625	9F15014	
		14.7 %	30-110		06/19/09 18:56	E625	9F15014	
		41.1 %	30-110		06/19/09 18:56	E625	9F15014	
		10.9 %	<i>15-110</i>		06/19/09 18:56	E625	9F15014	
		42.3 %	<i>55-125</i>		06/19/09 18:56	E625	9F15014	
		85.0 %	45-125		06/19/09 18:56	E625	9F15014	
	MD ND	ND 1.60 ND 3.68 ND 4.25 ND 2.45 ND 3.40 ND 2.74 ND 3.68 ND 13.0 ND 3.49 ND 2.83 ND 3.58 ND 13.3 ND 4.25 ND 47.2	MD 1.60 47.2 ND 3.68 47.2 ND 4.25 189 ND 2.45 47.2 ND 3.40 47.2 ND 2.74 47.2 ND 3.68 47.2 ND 13.0 189 ND 13.0 189 ND 3.49 47.2 ND 2.83 47.2 ND 3.58 47.2 ND 13.3 47.2 ND 13.3 47.2 ND 4.25 47.2 ND 47.2 47.2 142.4 % 14.7 % 41.1 % 10.9 % 42.3 %	ND 1.60 47.2 ug/L ND 3.68 47.2 ug/L ND 4.25 189 ug/L ND 2.45 47.2 ug/L ND 3.40 47.2 ug/L ND 2.74 47.2 ug/L ND 3.68 47.2 ug/L ND 3.68 47.2 ug/L ND 3.68 47.2 ug/L ND 3.49 47.2 ug/L ND 2.83 47.2 ug/L ND 3.58 47.2 ug/L ND 3.58 47.2 ug/L ND 4.25 47.2 ug/L ND 47.2 57.2 ug/L 14.1 % 30-110 10.9 % 15-110 12.3 % 55-125	ND 1.60 47.2 ug/L 10 ND 3.68 47.2 ug/L 10 ND 4.25 189 ug/L 10 ND 2.45 47.2 ug/L 10 ND 3.40 47.2 ug/L 10 ND 2.74 47.2 ug/L 10 ND 3.68 47.2 ug/L 10 ND 3.68 47.2 ug/L 10 ND 13.0 189 ug/L 10 ND 3.49 47.2 ug/L 10 ND 3.49 47.2 ug/L 10 ND 3.58 47.2 ug/L 10 ND 13.3 47.2 ug/L 10 ND 4.25 47.2 ug/L 10 ND 4.25 47.2 ug/L 10 ND 47.2 47.2 ug/L 10 A1.1 % 30-110 41.1 % 30-110 41.1 % 30-110 42.3 % 55-125	GC/MS ND 1.60 47.2 ug/L 10 06/19/09 18:56 ND 3.68 47.2 ug/L 10 06/19/09 18:56 ND 4.25 189 ug/L 10 06/19/09 18:56 ND 2.45 47.2 ug/L 10 06/19/09 18:56 ND 3.40 47.2 ug/L 10 06/19/09 18:56 ND 2.74 47.2 ug/L 10 06/19/09 18:56 ND 3.68 47.2 ug/L 10 06/19/09 18:56 ND 13.0 189 ug/L 10 06/19/09 18:56 ND 3.49 47.2 ug/L 10 06/19/09 18:56 ND 2.83 47.2 ug/L 10 06/19/09 18:56 ND 3.58 47.2 ug/L 10 06/19/09 18:56 ND 13.3 47.2 ug/L 10 06/19/09 18:56 ND 4.25 47.2 ug/L 10 06/19/09 18:56 ND 47.2 47.2 ug/L 10	ND	ND 1.60 47.2 ug/L 10 06/19/09 18:56 E625 9F15014 ND 3.68 47.2 ug/L 10 06/19/09 18:56 E625 9F15014 ND 4.25 189 ug/L 10 06/19/09 18:56 E625 9F15014 ND 2.45 47.2 ug/L 10 06/19/09 18:56 E625 9F15014 ND 3.40 47.2 ug/L 10 06/19/09 18:56 E625 9F15014 ND 2.74 47.2 ug/L 10 06/19/09 18:56 E625 9F15014 ND 3.68 47.2 ug/L 10 06/19/09 18:56 E625 9F15014 ND 13.0 189 ug/L 10 06/19/09 18:56 E625 9F15014 ND 3.49 47.2 ug/L 10 06/19/09 18:56 E625 9F15014 ND 3.58 47.2 ug/L 10 06/19/09 18:56 E625 9F15014 ND 3.58 47.2 ug/L 10 06/19/09 18:56 E625 9F15014 ND 3.58 47.2 ug/L 10 06/19/09 18:56 E625 9F15014 ND 4.25 47.2 ug/L 10 06/19/09 18:56 E625 9F15014 ND 4.25 47.2 ug/L 10 06/19/09 18:56 E625 9F15014 ND 47.2 ug/L 10 06/19/09 18:56 E625 9F15014

Notes and Definitions

U Analyte included in the analysis, but not detected

J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

Aa Reflects that only a portion of sample was used for the matrix spike.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

MDL Method Detection Limit

RL Reporting Limit

EMPIRICAL LABORATORIES, LLO - CHAIN OF CUSTODY RECORD

Receiyéc Sample Kit Prep'd by: (Signature) Relinquished by: (Signature) Relinquished by: E-mail Fax State, Zip IN 37405 Phone (423) 247-2222 Project No./Name: Send Results to: Dunca O. City CHATTANAGEA Address 530 N. MAKKETS Company CAWTHOKING ENC. Name JAMES CAWTHOKHE 0906116-01 PKZO NOVEL STOKMWATEL Sampler's (Signature): Lab Use Only Lab# Distribution: Original and yellow copies accompany sample shipment to laboratory, 267-2243 (Signature) 120g 6-11-08 6-11-08 4:30 m 6-11-08M Date/Time Sampled SHIP TO: 621 Mainstream Drive, Sulte 270 + Nash∳ille, TN 37228 + 615-345-1115 + (fax) 615-846-5426 STORMWATCH OFFINA
PUME NISCHARGE
STORMWATCH BASCH
RUMP DISCHARGE Date/Time Fax E-mail Phone_ STORM WATER BASIN Name STORMWHITE OASIN State, Zip Address Date/Time Company Send invoice to: Sample Description Received By: (Signature) Received By: (Signature) Temperature Received By: (Signature) Bone SARE! WHEN ST TO とはす Sample Matrix × X REMARKS Analysis Requirements: *-sec CAT × SHIPPED OVERNIGHT BY FEDEX 6/12/09 CAR# Airbill #: Containers Intact Cust. Seals Intact Discrepancies Correct Containers Field Filtered S PLO VOA Headspace タナマシ かなか のです Comments Lab Use Only: Page Shipped By JSC Turnaround No.K. Date Shipped 6-11-09 Cooler No. ___ of __ Bottles 옥충 5990 W M Details: 으로 Lab Use Only Containers/Pres. シーン が、ま 12-51 ₹ ¥ Z Š of 6

20,20

Pink retained by samplers

EMPIRICAL LABORATORIES COOLER RECEIPT FORM

LIMS Number: 0906116	_ Number of Cool	ers: of
client: <u>Cawthorne</u> Erg.	Project: AC20	W.lacky C
Date/Time Received: 06/12/09 09:00	Date cooler(s) op	pned 06/12/09
Opened By (print): WILLIAM SCHWAB	(signature):	MAN
	elow as appropriate	
1. How did the samples arrive?: <u>FedEx</u>	UPS DHL	Hand Delivered
EL Courier	Other:	
If applicable, enter airbill number here:	3022	
2. Were custody seals on outside of cooler(s)?	. <i>O</i> A	Yes No
How many: Seal date: 6 UK)) (Seal Initials:
3. Were custody seals unbroken and intact at the date and t	ime of arrival?	Yes No N/A
4. Were custody papers sealed in a plastic bag included in	the sample cooler?	Yes No N/A
5. Were custody papers filled out properly (ink, signed, etc.	:.)?	Yes No N/A
6. Did you sign custody papers in the appropriate place for	acceptance?	Yes No N/A
7. Was project identifiable from custody papers?		Yes No N/A
8. If required, was enough ice present in the cooler(s)?	.,	Yes No N/A
Type of Coolant: WET DRY BLUE NONE	Temperature of Samples	ipon Receipt: 09°C
Dates samples were logged-in: 06/12/09		
9. Initial this form to acknowledge login of sample(s): (Nat	ne): WILLIAM SCHWA	AB (Initial):
10. Were all bottle lids intact and sealed tightly?		Yes No N/A
11. Did all bottles arrive unbroken?		Yes No N/A
12. Was all required bottle label information complete?		Yes No N/A
13. Did all bottle labels agree with custody papers?	***************************************	Yes No N/A
14. Were correct containers used for the analyses indicated	?	Yes No N/A
15. Were preservative levels correct in all applicable sampl	e containers?	Yes No N/A
16. Was residual chlorine present in any applicable sample	containers?	Yes No (N/A)
17. Was sufficient amount of sample sent for the analyses r	equired?	(Yes) No N/A
18. Was headspace present in any included VOA vials?	•••••	Yes (No) N/A
If Non-Conformance issues were present, list by sample ID:		
- Trip Blak recold	+ noton ca	CAR#:
1 411	lack Late:	
7 7 7 100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11,2109	